

FIG. 3A

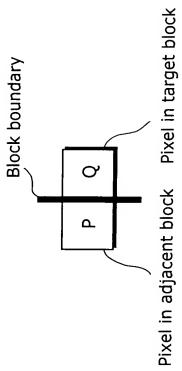
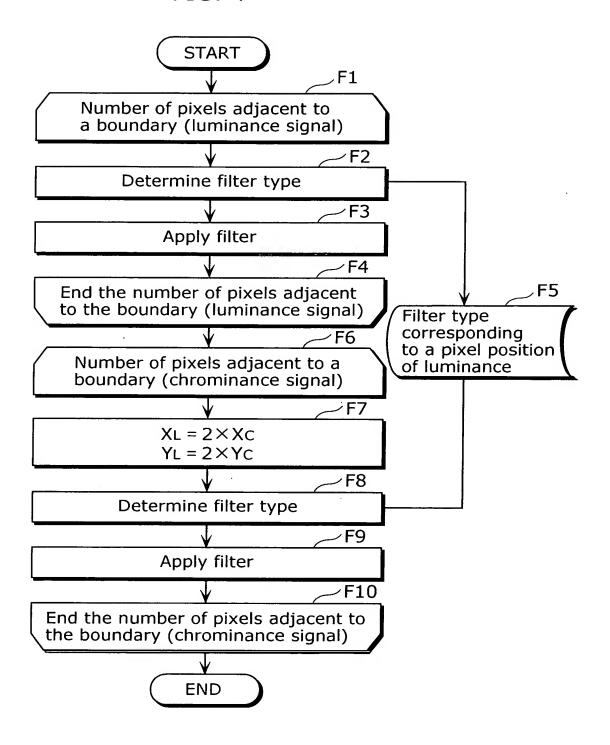


FIG. 3B

Filter 4	In the case where a boundary is at vertical edge and either P or Q belongs to block which is intra prediction encoded.
Filter 3	In the case where a boundary is at horizontal edge and either P or Q belongs to a block which is intra prediction encoded.
Filter 2	In the case where either P or Q belongs to a block having coefficient other than 0.
Filter 1	In the case where P and Q belong to a block which is inter prediction encoded and refer to respective pictures, or refer using respective motion vectors.
Filter 0	Other than the above.

FIG. 4



		\otimes	\otimes	\otimes	\otimes	\otimes
FIG. 5C	No decimation	\otimes	\otimes	\otimes	\otimes	
		\otimes	\otimes	\otimes	\otimes	\otimes
		\otimes	\otimes	⊗ ⊗ ⊗	\otimes	\otimes
		⊗ ⊗ ⊗	\otimes	\otimes	\otimes	⊗ ⊗ ⊗ ⊗
		\otimes	\otimes	\otimes	\otimes	\otimes
FIG. 5B	Half decimation in horizontal direction	×	×	×	×	×
		\otimes	\otimes	\otimes	\otimes	⊗ ×
		×	×	×	×	
		⊗ × ⊗ ×	\otimes	\otimes	×	\otimes
		×	×	×	×	×
		\otimes	\otimes	\otimes	\otimes	\otimes
-1G. 5A	Half decimation in horizontal and vertical directions	×	×	×	×	×
		× O	×	\times \bigcirc	×	× O
		×	×	×	×	×
		\times \bigcirc	×	× O	×	\times \bigcirc
		×	×	×	×	×
		× O	×	× O	×	\times \bigcirc

 $\mathsf{X}:\mathsf{Luminance}$ component sample position

Top field

Field

Bottom field

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

×

X

×

×

×

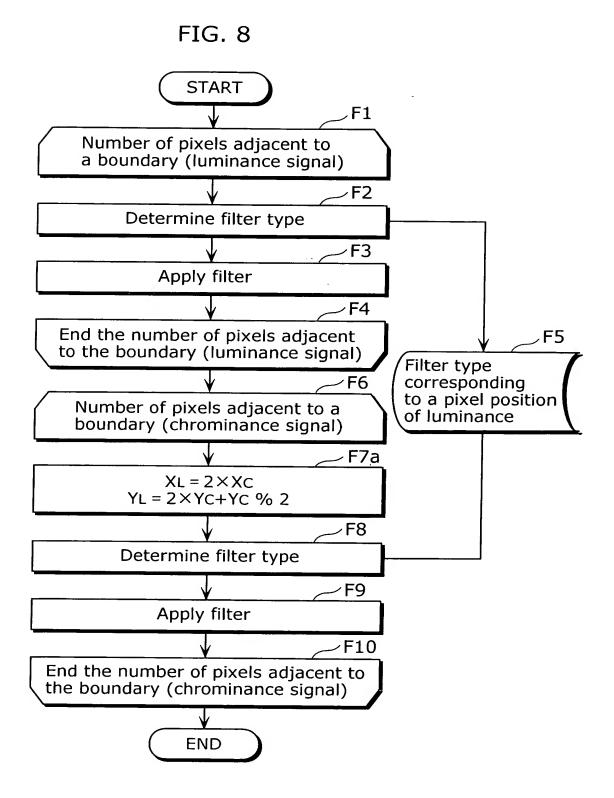
× O

×

 \times : Luminance component sample position

 $\mathsf{X}:\mathsf{Luminance}$ component sample position

 \bigcirc : Chrominance component sample position



imes : Luminance component sample position

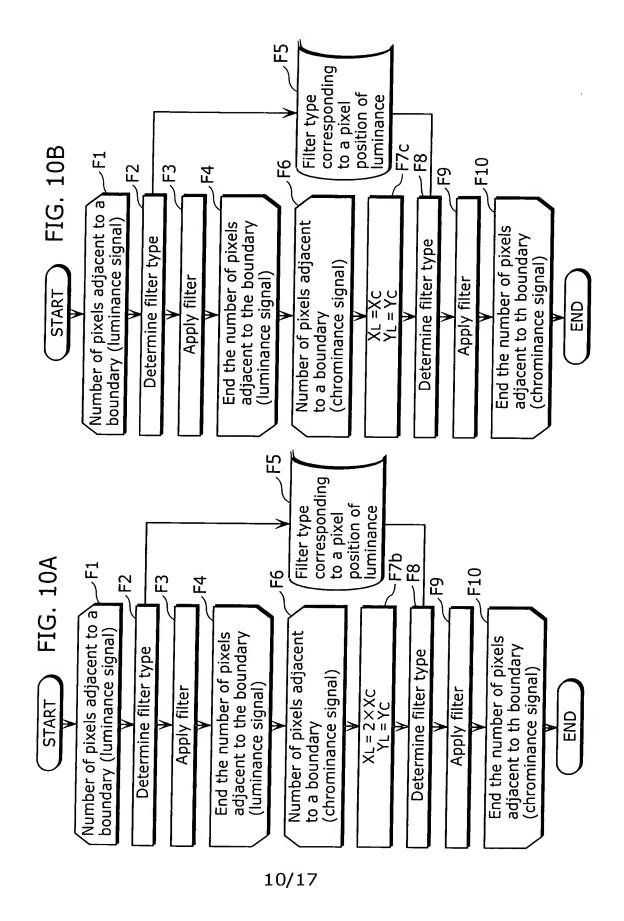


FIG. 11A

Frame

FIG. 11B

Field

Top field

Bottom field

 $L_0,C_0 \rightarrow \otimes \times \otimes \times \otimes \times L_0,C_0 \rightarrow \otimes \times \otimes \times \otimes \times$

 $L_1,C_1 \rightarrow \otimes \times \otimes \times \otimes \times$

 \times \otimes \times \otimes \times

⊗ × ⊗ ×

× ⊗

×

 \otimes

× ⊗

×

 \times \otimes \times \otimes \times

×

 \otimes

× ⊗

× ⊗ \times \otimes \times \otimes \times

× × × ×

 $\mathsf{X}: \mathsf{Luminance}$ component sample position

 \odot : Chrominance component sample position

 $\begin{array}{c} \times \\ \otimes \\ \times \\ \otimes \\ \times \\ \otimes \end{array}$

FIG. 12B	Field
FIG. 12A	Frame

Top field $L_0,C_0 \rightarrow \otimes \otimes \otimes \otimes \otimes \otimes$

 $L_1,C_1 \rightarrow \otimes \otimes \otimes \otimes \otimes \otimes$ \otimes $L_0,C_0 \rightarrow \otimes \otimes \otimes \otimes \otimes$

 \otimes

 \otimes

 $L_1,C_1 \rightarrow \otimes \otimes \otimes \otimes$

Bottom field

 \otimes

 \otimes \otimes \otimes

 \otimes \otimes \otimes \otimes \otimes \otimes

 \otimes

 \otimes

 \otimes

 \otimes

 \otimes

 \otimes

 \otimes

 \otimes \otimes \otimes \otimes \otimes \otimes

 $\mathsf{X}:\mathsf{Luminance}$ component sample position

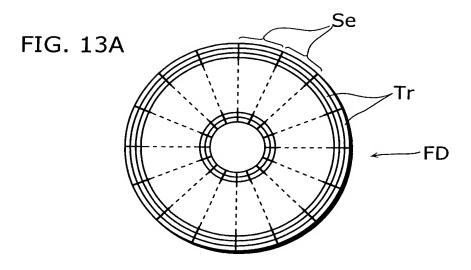
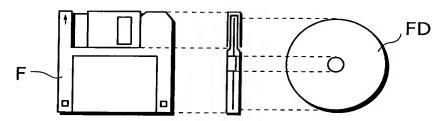
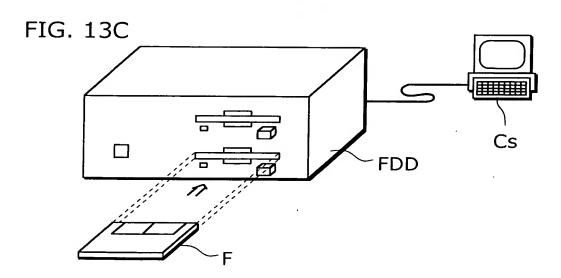


FIG. 13B





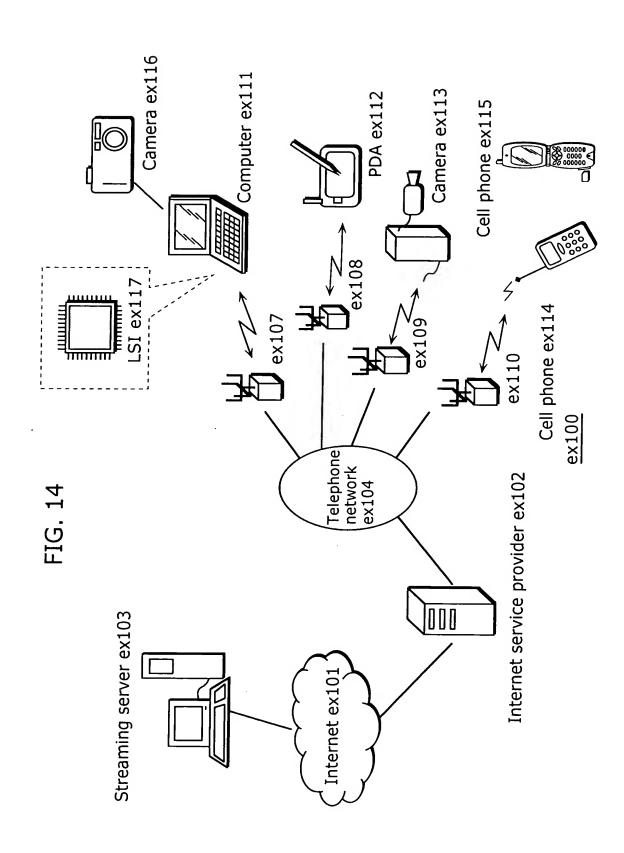


FIG. 15

